

Abstract

A wind turbine. A rotation shaft (1) is arranged between upper and lower circular plates. Blades (3) are secured to the rotation shaft (1) to be circumferentially spaced apart one from another. Each blade has a lattice composed of transverse lattice elements and longitudinal lattice elements which are plaited to cooperatively define a plurality of spaces. In each space, a rotation adjustment piece is coupled to a first portion of a lattice element to be capable of rotating between a closing position where it closes the space and an opening position where it opens the space. A stopper projection is formed on a second portion of an opposite lattice element to limit rotation of the rotation adjustment piece, so that the blades as a whole can be rotated irrespective of a wind direction. Electricity is generated using wind applied to the rotation shaft through rotation adjustment pieces.